Author Index, Volume 161

AbuRahma AF, 459
Ahrendt SA, 177
Aizen BM, 235
Allen K, 19
Allen M, 556
Allgöwer M, 226
Altorki NK, 97
Andersen CA, 651
Anderson FA Jr, 507
Anderson RP, 313
Argy O, 431
Asaph JW, 616
Asbun H, 377
Ashmann M, 131
Asonuma K, 677
Aufses AH Jr, 69
Aye RW, 560

Bailey RW, 36, 388
Baird D, 377
Ballard J, 8033
Barber AE, 300
Barni S, 466
Bass BL, 107
Becker DA, 625
Becker H, 385
Bellaud M, 525
Belliard R, 371
Benner KG, 606
Berci G, 323, 326, 332, 355, 382
Berger NA, 101
Bertoglio MC, 651
Bhattacharyya A, 131
Bigelow JC, 563
Bixler EO, 625
Bodoky G, 144
Boitnott JK, 120
Boland JP, 459
Bowers DK, 606
Braasch JW, 113
Bradley EL III, 19
Brivio F, 466
Broughan TA, 454
Bubrick MP, 136
Buess G, 385
Bulkley GB, 488
Bull D, 171
Burdick JF, 426

Cahill CJ, 136
Calabuig R, 213
Cameron JL, 120
Campbell GS, 239
Campbell JA, 606
Campbell JR, 612
Cao L, 51
Carey LC, 219
Carlson RG, 31
Cerra FB, 230
Chance WT, 51
Cheadle WG, 396, 639
Church J, 90
Civetta JM, 634
Clark SR, 479
Cohn I Jr, 279
Coleman J, 120, 131
Collet D, 371, 396
Cone JB, 239
Corman ML, 136
Courington KR, 31
Crist DW, 120
Cullen PT, 657
Cuschieri A, 350, 385, 404, 657

Davis NL, 567, 593
Davis RR, 606
Dawson DL, 545, 619
Debas HT, 243
Decker GAG, 435
DelValle J, 184
Dent TL, 323, 399
Deveney CW, 606
Didolkar MS, 315
Dubois F, 385
Dunn DL, 250

Easter DW, 350
Eckhauser FE, 184
Eddy AC, 556
Elias R, 69
Ellenby MI, 672
Elliott DW, 45
Ellis G, 580
Eriksen CA, 657
Evans CH, 635

Fabian TC, 483
Fagola M, 525
Fahey TJ III, 300
Farnell MB, 64
Fazio V, 90
Féret J, 525
Fischer BA, 107
Fischer JE, 51, 266
Fisher K, 377
Flanigan DP, 672
Flautner L, 144
Fleshner PR, 69
Flickinger EG, 154
Flint L, 207
Flowers JL, 388
Foster P, 131
Francis DMA, 411
Freeny PC, 600
Froese DP, 560
Fulginiti J, 8033

Gadacz TR, 36, 336
Gagner M, 113
Gardner LB, 646
Gartman D, 556
Germann E, 567
Gonzalez ML, 646
Goodnight SH, 606
Gordon M, 567
Gordon NH, 101
Gown AM, 580
Grabowski GA, 69
Graham M, 616
Greene BS, 45
Gregg M, 556
Grogan T, 171
Grove MK, 454
Guerra J, 646
Guy BB, 101

Haick AJ, 365
Hankin FM, 443
Hardy TG Jr, 136
Harmon JW, 107
Harris WH, 519
Harrison M, 612
Harsanyi L, 144
Harwood RB, 646
Hasselgren P-O, 266
Hatch EI Jr, 596
Hemming A, 593
Heneghan JB, 279
Henry SL, 8034
Hermann RE, 454
Hershman MJ, 639
Hickey RC, 439
Hill LD, 560
Hirsh J, 512
Hocking MP, 31
Holmes PA, 625
Honda K, 677
Horn J, 625
Howard TJ, 203
Hruban RH, 120
Hunter JG, 345

Imbembo AL, 36
Inamoto T, 677
Ishizuka J, 84

Janoff K, 616
Jenkins RL, 113
Jew JY, 163
Johansen K, 552
Johansen KH, 545
Johnson D, 556
Johnson RS, 606
Jolly PC, 542, 584
Jones WG II, 300
Jordan GL Jr, 194
Jung PJ, 439
Jurkovich GJ, 545

Kahng KU, 662
Katkhouda N, 361
Katon RM, 612
Kearney RE, 159
Keeffe EB, 606
Kelly KA, 64, 256
Kennedy N, 657
Khan MZ, 459
Kilberg L, 616
Kingston GW, 589
Kirsch WM, 416
Kobayashi N, 677
Kohler TR, 619
Kokudo N, 184
Kothary PC, 184
Koury AM, 365
Kozarek RA, 600
Kram HB, 479
Krause AH, 563
Kumada K, 677
Kurtin WE, 470

Langnas AN, 76
Larson GM, 396
Lavery I, 90
Leathley MJ, 589
Lee RG, 606
Leffall LD Jr, 272
Levine BA, 149
Lewis WD, 113
Lillemoe KD, 177
Lindsay RL, 413
Lissoni P, 466
Little AG, 97
Longmire WP Jr, 235
Lopez RR, 606, 612
Loubeau JM, 45
Lowry SF, 300
Lukens ML, 485

Magi E, 413
Maher JW, 163
Mancini D, 466
Mann LD, 625
Martin LF, 625
Marujo W, 76
Mason GR, 262
May HJ, 154
Mayes JT, 485
McAllister EW, 159
McAuley CE, 635

McGregor GI, 567
McGuire GE, 177
McMillen MA, 450
Meelheim HD, 154
Meena AL, 365
Meissner M, 552
Mercer D, 126
Merrell R, 439
Merrick HW, 317, 475
Metzdorff MT, 563
Meyer JP, 672
Miedema BW, 64, 256
Miller D, 556
Miller DD, 635
Miller FB, 396
Milsom J, 90
Minei JP, 300
Mitrani AA, 646
Moe KS, 580
Moe RE, 580
Montalvo J, 672
Moody FG, 213
Moore EE, 316
Mori K, 677
Morris DM, 668
Morris JB, 101
Moss RL, 596
Mouiel J, 361, 385
Mouret P, 385
Mukherjee D, 651
Mulvihill SJ, 243
Munson JL, 113

Nahrwold DL, 2
Najarian JS, 250
Nance FC, 136
Nathanson LK, 350
Neumayer L, 171
Nocito V, 466
Novich K, 131

Oakley J, 90
Ocampo HP, 479
O'Connell MT, 646
O'Dorisio TM, 149
Okies JE, 563
Olsen D, 377
Olsen DO, 339
O'Neill PA, 662
Ordonez N, 439
O'Reilly M, 377
Ozawa K, 677

Page US, 563
Paiement GD, 519
Pap A, 144
Parekh D, 84
Passaro E Jr, 203
Paun M, 552
Paz B, 171
Paz-Partlow M, 326, 332, 355
Pellegrini CA, 57
Peoples JB, 45, 422
Perissat J, 371, 396, 408
Perler BA, 426
Peters JH, 219
Petro AB, 365
Petros JG, 431
Phang PT, 589
Pinson CW, 606, 612
Pitt HA, 177
Planès A, 525
Planès M, 525
Polk HC Jr, 309, 639
Ponsky JL, 323, 393
Pontari MA, 450
Porayko MK, 606
Pories WJ, 154
Porter P, 580
Prevel C, 8033
Provan JL, 683
Purcell L, 411

Rackner VL, 570
Rajaraman S, 84
Raper SE, 184
Rappaport W, 8033
Rayburn D, 668
Reddick EJ, 377
Reilly PM, 488
Richardson C, 107
Richardson JD, 284
Rikkers LF, 312
Rimm EB, 431
Ring EJ, 57
Ritchie WP Jr, 126
Robillard RJ, 431
Robins RE, 567, 593
Rosemurgy AS, 159
Roslyn JJ, 235
Rossi RL, 113
Runkel N, 213
Ryan JA Jr, 570

Sackier JM, 326, 332, 355, 382
Sadler D, 459
Sado AS, 651
Salomon NW, 563
Salzard C, 525
Samaan NA, 439
Samuels PB, 314
Sanchez H, 113
Sandler AD, 163
Sankary H, 131
Sasaki AW, 606
Saunders KD, 235
Sawchuk AP, 672
Saye W, 377
Schein M, 435
Scher KS, 422
Schiller HJ, 488
Schlegel JF, 163
Schmidt CD, 163
Schmidt N, 576
Schulak JA, 485
Schuler JJ, 672
Schutz RW, 563
Schwarcz TH, 672
Schwarz RJ, 576
Schwenk TL, 443
Schwesinger WH, 470
Scovill WA, 388
Seidler AJ, 120
Seligson D, 8034
Shatney CH, 136
Shaw BW Jr, 76
Sheets KJ, 443
Sheldon GF, 294
Shimahara Y, 677
Shires GT, 300
Shoemaker WC, 479
Silver D, 537
Sirinek KR, 149
Sitzmann JV, 120
Skinner DB, 97
Sninsky CA, 31
Society of American Gastrointestinal Endoscopic Surgeons, 324
Sosso M, 371
Sparkman RS, 305
Spaw A, 377
Spier C, 171
Stabile BE, 203
Steed DL, 635
Stellato TA, 101
Stewart RM, 470
Stratta RJ, 76
Stuart P, 459
Sunagawa M, 97
Sutton D, 657
Swanson MS, 154
Szentes MJ, 600

Takayasu T, 677
Talamini MA, 336
Tan T-L, 625
Tanaka K, 677
Tancini G, 466
Tapper D, 580
Temple WJ, 413
The BAR Investigational Group, 136
Thirlby RC, 570
Thompson JC, 6, 84
Tihanyi T, 144
Tisi E, 466
Tompkins RK, 235
Torres PR, 64
Townsend CM Jr, 84
Traverso LW, 584, 600
Trede M, 385
Troidl H, 385
Tuckson W, 90
Turpie AGG, 532

Urbanski SJ, 413
Urschel JD, 687

van Heerden JA, 64
Vecchio R, 213
Verrier ED, 556
Villar HV, 171
Vinton AL, 584
Vitale G, 371
Vitale GC, 396, 408
Vochelle N, 525
Voeller GR, 483
Vogel SB, 31
Vogt DP, 454
Voyles CR, 365

Wachtel T, 8033
Waddell WR, 416
Wait RB, 662
Warshaw AL, 26
Waters GS, 154
Way LW, 57
Wayson K, 616
Webster MW, 635
Weinstock JV, 163
Wellhausen SR, 639
Wessinger SJ, 519
Wetter LA, 57
Wheeler HB, 507
Wheeler LJ, 606
Williams GM, 426
Williams J, 131
Williams TH, 163
Witzske D, 8033
Wong R, 171
Wood RP, 76

Yamaguchi MA, 479
Yamacka Y, 677

Zhang F-s, 51
Zierler RE, 619
Zollinger RM, 191
Zucker KA, 36, 388

Subject Index, Volume 161

Abdomen
Collagen stability and collagenolytic activity in the normal and aneurysmal human abdominal aorta; 635
Surgical versus percutaneous drainage of intra-abdominal abscesses; 593
Abscesses
Surgical versus percutaneous drainage of intra-abdominal abscesses; 593
Acivicin
Clenbuterol plus acivicin decrease tumor growth and increase muscle mass in rats maintained on total parenteral nutrition; 51
Adrenal gland
Efficient management of adrenal tumors; 576
Adult respiratory distress syndrome
Adult respiratory distress syndrome; 239
Alimentary tract
A critical analysis of the largest reported mass fecal occult blood screening program in the United States; 101
A prospective longitudinal study of observation versus surgical intervention in the management of necrotizing pancreatitis; 19
Are pancreatoenteric anastomoses improved by duct-to-mucosa sutures? 45
A 27-year experience with splenectomy for Gaucher's disease; 69
Clenbuterol plus acivicin decrease tumor growth and increase muscle mass in rats maintained on total parenteral nutrition; 51
Differential diagnosis of sclerosing cholangiocarcinomas of the common hepatic duct (Klatskin tumors); 57
Effect of enteral nutrition on exocrine pancreatic function; 144
Erythromycin enhances delayed gastric emptying in dogs after Roux-Y antrectomy; 31
Factors influencing survival after pancreaticoduodenectomy for pancreatic cancer; 120
Glucose intolerance and hyperinsulinemia of cirrhosis are not results of spontaneous or surgical portosystemic shunting; 149
High-grade dysplasia in the columnar-lined esophagus; 97
Humoral control of gut function; 6
Immunophenotyping in the management of gastric lymphoma; 171
Implications of peritoneal cytology for staging of early pancreatic cancer; 26
Laparoscopic guided cholecystectomy; 36
Long-term studies of mental health after the Greenville gastric bypass operation for morbid obesity; 154
Manometric and functional comparison of ileal pouch anal anastomosis with and without anal manipulation; 90
Mediators of bile acid-induced alterations in gastric mucosal blood flow; 126
Pancreatic regeneration after partial pancreatectomy; 84
Postoperative external alimentary tract fistulas; 435
Prospective, randomized trial of the biofragmentable anastomosis ring; 136
Prospective study of a prosthetic H-graft portacaval shunt; 159
Proximal gastric vagotomy in the emergency treatment of bleeding duodenal ulcer; 64
Quantitative analysis of portal tract infiltrate allows for accurate determination of hepatic allograft rejection; 131
Somatostatin analogue treatment inhibits post-resectional adaptation of the small bowel in rats; 107
Surgical management of nonparasitic cystic liver disease; 113
Tachykinins in the canine gastroesophageal junction; 163
The consumption of our heritage; 2
The liver plays an important role in the regulation of somatostatin-14 in the rat; 184
Vascular complications after orthotopic liver transplantation; 76
Why does somatostatin cause gallstones? 177
American Journal of Surgery
A salute to *The American Journal of Surgery* on its 100th birthday; 191
Official organs and entangling alliances: The brief association of *The American Journal of Surgery* and the Southern Surgical Association (1932–1935); 305
Anastomosis
Are pancreatoenteric anastomoses improved by duct-to-mucosa sutures? 45
Manometric and functional comparison of ileal pouch anal anastomosis with and without anal manipulation; 90
Prospective, randomized trial of the biofragmentable anastomosis ring; 136
Aneurysm
Collagen stability and collagenolytic activity in the normal and aneurysmal human abdominal aorta; 635
Antibiotics
Combined use of topical and systemic antibiotics; 422
Treatment of compound fractures; 8034
Anticoagulation
Conventional versus thrombolytic therapy in spontaneous (effort) axillary-subclavian vein thrombosis; 459
Antrectomy
Erythromycin enhances delayed gastric emptying in dogs after Roux-Y antrectomy; 31
Aorta
Collagen stability and collagenolytic activity in the normal and aneurysmal human abdominal aorta; 635
Appendicitis
Inversion-ligation appendectomy for incidental appendectomy; 483
Arteries
A nine-year experience with crossover femoro-femoro-popliteal sequential bypass; 672
Carotid endarterectomy in a community hospital: a change in physicians' practice patterns; 616
Duplex scanning for arterial trauma; 552
Femoro-femoral or ilio-femoral bypass for unilateral inflow reconstruction? 426
Role of arteriography in the preoperative evaluation of carotid artery disease; 619
Arteriography
Role of arteriography in the preoperative evaluation of carotid artery disease; 619
Aspiration
Increased incidence of nosocomial pneumonia in mechanically ventilated patients with subclinical aspiration; 589
Association for Surgical Education
Presidential address—the Association for Surgical Education: a decade of progress; 475
Bacteria
Bacterial overgrowth and intestinal atrophy in the etiology of gut barrier failure in the rat; 300
Bile acids
Mediators of bile acid-induced alterations in gastric mucosal blood flow; 126
Bile ducts
Role of radiation after operative palliation in cancer of the proximal bile ducts; 454
Variation in management based on type of choledochal cyst; 612
Bleeding
Prospective study of a prosthetic H-graft portacaval shunt; 159
Proximal gastric vagotomy in the emergency treatment of bleeding duodenal ulcer; 64
Vascular lesions of the intestines; 284
Books
Book reviews; 321, 410
Bypass A nine-year experience with crossover femoro-femoro-popliteal sequential bypass; 672
Editorial comment (E), 634
Femoro-femoral or ilio-femoral bypass for unilateral inflow reconstruction? 426
Long-term studies of mental health after the Greenville gastric bypass operation for morbid obesity; 154
Preoperative insurance status influences postoperative complication rates for gastric bypass; 625
Salvage of thrombosed forearm polytetrafluoroethylene vascular access grafts by reversal of flow direction and venous bypass grafting; 485
Cancer
A critical analysis of the largest reported mass fecal occult blood screening program in the United States; 101
Carcinoma of the ductus choledochus; 235
Clinical parameters predictive of malignancy of thyroid follicular neoplasms; 567
Experience with 225 hepatic resections for hepatocellular carcinoma over a 4-year period; 677
Expression of Her-2/neu oncogene protein product and epidermal growth factor receptors in surgical specimens of human breast cancers; 580
Factors influencing survival after pancreaticoduodenectomy for pancreatic cancer; 120
Immunophenotyping in the management of gastric lymphoma; 171
Implications of peritoneal cytology for staging of early pancreatic cancer; 26
Parathyroid adenoma in a cancer center patient population; 439
Progress in cancer; 272
Role of radiation after operative palliation in cancer of the proximal bile ducts; 454

Technical considerations for prophylactic mastectomy in patients at high risk for breast cancer; 413
Wound complications after modified radical mastectomy compared with tylectomy with axillary lymph node dissection; 584

Cardiac disease
Early experience with mitral valve reconstruction for mitral insufficiency; 563

Cardiac surgery
Anterior sternal retraction for reoperative median sternotomy; 556

Cholangiocarcinoma
Differential diagnosis of sclerosing cholangiocarcinomas of the common hepatic duct (Klatskin tumors); 57

Cholangiography
Routine or selected intraoperative cholangiography during laparoscopic cholecystectomy? 355

Cholecystectomy
A practical approach to laparoscopic cholecystectomy; 365
Complications of laparoscopic cholecystectomy; 393
Interruption of professional and home activity after laparoscopic cholecystectomy among French and American patients; 396
Laparoscopic cholecystectomy; 339
Laparoscopic cholecystectomy: gateway to the future (E), 408
Laparoscopic cholecystectomy using intracorporeal lithotripsy; 371
Laparoscopic guided cholecystectomy; 36
Laser or electrocautery for laparoscopic cholecystectomy? 345
Ligation of the structures of the cystic pedicle during laparoscopic cholecystectomy; 350
Routine or selected intraoperative cholangiography during laparoscopic cholecystectomy? 355
Safe performance of difficult laparoscopic cholecystectomies; 377
The Baltimore experience with laparoscopic management of acute cholecystitis; 388
The European experience with laparoscopic cholecystectomy; 385
The Los Angeles experience with laparoscopic cholecystectomy; 382
Traditional versus laparoscopic cholecystectomy; 336

Choledochal cyst
Variation in management based on type of choledochal cyst; 612

Cholesterol
Effect of dietary ethanol on gallbladder absorption and cholesterol gallstone formation in the prairie dog; 470

Cirrhosis
Glucose intolerance and hyperinsulinemia of cirrhosis are not results of spontaneous or surgical portosystemic shunting; 149

Clenbuterol
Clenbuterol plus acivicin decrease tumor growth and increase muscle mass in rats maintained on total parenteral nutrition; 51

Collagen
Collagen stability and collagenolytic activity in the normal and aneurysmal human abdominal aorta; 635

Colon
Loop colostomies are totally diverting in adults; 668
Prospective, randomized trial of the biofragmentable anastomosis ring; 136

Cost containment
Cost-effectiveness of prophylaxis in total hip replacement; 519

Critical care
Achievements, present-day problems, and some solutions for trauma care, surgical critical care, and surgical education; 207

Cytokines
Cytokines and glucocorticoids in the regulation of the "hepato-skeletal muscle axis" in sepsis; 266

Cytology
Implications of peritoneal cytology for staging of early pancreatic cancer; 26

Cytomegalovirus
New approaches to the diagnosis, prevention, and treatment of cytomegalovirus infection after transplantation; 250

Dialysis
The straight radial-antecubital PTFE angio-access graft in an era of high-flux dialysis; 450

Drug treatment
Testolactone, sulindac, warfarin, and vitamin K_1 for unresectable desmoid tumors; 416

Dysplasia
High-grade dysplasia in the columnar-lined esophagus; 97

Editorials
Editorial comment; 634
Laparoscopic cholecystectomy: gateway to the future; 408
Minimal access general surgery: the dawn of a new era; 323

Education
Achievements, present-day problems, and some solutions for trauma care, surgical critical care, and surgical education; 207
Education about death and dying during surgical residency; 8033
Graduate medical education: issues for the 21st century; 294
Management of educational change in times of medical reorganization; 683
Preparing surgery house officers for their teaching role; 443
Presidential address—the Association for Surgical Education: a decade of progress; 475
Training, credentialling, and granting of clinical privileges for laparoscopic general surgery; 399

Empyema
Use of purified streptokinase in empyema and hemothorax; 560

Endarterectomy
Carotid endarterectomy in a community hospital: a change in physicians' practice patterns; 616

Enoxaparin
Efficacy and safety of a perioperative enoxaparin regimen in total hip replacement under various anesthesias; 525
Efficacy of a postoperative regimen of enoxaparin in deep vein thrombosis prophylaxis; 532

Erythromycin
Erythromycin enhances delayed gastric emptying in dogs after Roux-Y antrectomy; 31

Esophagus
Abnormal esophageal transit in patients with typical reflux symptoms but normal endoscopic and pH profiles; 657
High-grade dysplasia in the columnar-lined esophagus; 97

Fistulas
Postoperative external alimentary tract fistulas; 435

Fractures
Treatment of compound fractures; 8034

Free radicals
Pharmacologic approach to tissue injury mediated by free radicals and other reactive oxygen metabolites; 488

Gallstones
Effect of dietary ethanol on gallbladder absorption and cholesterol gallstone formation in the prairie dog; 470
Why does somatostatin cause gallstones? 177

Gastrectomy
The Roux operation for postgastrectomy syndromes; 256

Gastrointestinal tract
Injuries to the portal triad; 545
Role of surgery in multimodality therapy for gastrointestinal lymphoma; 570

Gaucher's disease
A 27-year experience with splenectomy for Gaucher's disease; 69

General surgery
Granting of privileges for laparoscopic general surgery; 324
Minimal access general surgery: the dawn of a new era (E), 323
The future of general surgery; 194
Training, credentialling, and granting of clinical privileges for laparoscopic general surgery; 399

Germfree animals
Germfree animals and technics in surgical research; 279

Glucocorticoids
Cytokines and glucocorticoids in the regulation of the "hepato-skeletal muscle axis" in sepsis; 266

Grafts
Prospective study of a prosthetic H-graft portacaval shunt; 159
Quantitative analysis of portal tract infiltrate allows for accurate determination of hepatic allograft rejection; 131
Salvage of thrombosed forearm polytetrafluoroethylene vascular access grafts by reversal of flow direction and venous bypass grafting; 485
The straight radial-antecubital PTFE angio-access graft in an era of high-flux dialysis; 450

Growth factors
Expression of Her-2/neu oncogene protein product and epidermal growth factor receptors in surgical specimens of human breast cancers; 580

Hemothorax
Use of purified streptokinase in empyema and hemothorax; 560

Heparins
An overview of venous thromboembolism

prophylaxis; 537
Efficacy and safety of a perioperative enoxaparin regimen in total hip replacement under various anesthesias; 525
Efficacy of a postoperative regimen of enoxaparin in deep vein thrombosis prophylaxis; 532
Rationale for development of low-molecular-weight heparins and their clinical potential in the prevention of postoperative venous thrombosis; 512

Hernia
Factors influencing postoperative urinary retention in patients undergoing elective inguinal herniorrhaphy; 431
Inguinal hernia repair in early infancy; 596

Hormones
Contributions of the Zollinger-Ellison syndrome; 203
Humoral control of gut function; 6

Immune system
Nutrient modulation of inflammatory and immune function; 230

Infants
Inguinal hernia repair in early infancy; 596

Infection
HLA-DR antigen expression on peripheral blood monocytes correlates with surgical infection; 639

Infections
Combined use of topical and systemic antibiotics; 422
New approaches to the diagnosis, prevention, and treatment of cytomegalovirus infection after transplantation; 250

Inflammation
Nutrient modulation of inflammatory and immune function; 230

Insurance
Editorial comment (E), 634
Preoperative insurance status influences postoperative complication rates for gastric bypass; 625

Interleukin-2
Effect of antitumor surgery on soluble interleukin-2 receptor serum levels; 466

Intestines
Bacterial overgrowth and intestinal atrophy in the etiology of gut barrier failure in the rat; 300
Historical review of pancreaticoduodenectomy; 219
Humoral control of gut function; 6
Manometric and functional comparison of ileal pouch anal anastomosis with and without anal manipulation; 90
Neuroendocrine design of the gut; 243
Perspectives a century later on the "Ansa en Y" of César Roux; 262
Somatostatin analogue treatment inhibits post-resectional adaptation of the small bowel in rats; 107
The Roux operation for postgastrectomy syndromes; 256
Transduodenal sphincteroplasty with transampullary septectomy for stenosing papillitis; 213
Vascular lesions of the intestines; 284

Jaundice
Role of renal sympathetic nerve activity in obstructive jaundice and renal failure in the rat; 662

Klatskin tumor
Differential diagnosis of sclerosing cholangiocarcinomas of the common hepatic duct (Klatskin tumors); 57

Laparoscopy
A practical approach to laparoscopic cholecystectomy; 365
Complications of laparoscopic cholecystectomy; 393
Elective diagnostic laparoscopy; 326
Emergency laparoscopy; 332
Granting of privileges for laparoscopic general surgery; 324
Interruption of professional and home activity after laparoscopic cholecystectomy among French and American patients; 396
Laparoscopic cholecystectomy; 339
Laparoscopic cholecystectomy: gateway to the future (E), 408
Laparoscopic cholecystectomy using intracorporeal lithotripsy; 371
Laparoscopic guided cholecystectomy; 36
Laser or electrocautery for laparoscopic cholecystectomy? 345
Ligation of the structures of the cystic pedicle during laparoscopic cholecystectomy; 350
Minimal access general surgery: the dawn of a new era (E), 323
Minimal access surgery and the future of interventional laparoscopy; 404
Routine or selected intraoperative cholangiography during laparoscopic cholecystectomy? 355
Safe performance of difficult laparoscopic cholecystectomies; 377
The Baltimore experience with laparoscopic management of acute cholecystitis; 388
The European experience with laparoscopic cholecystectomy; 385
The Los Angeles experience with laparoscopic cholecystectomy; 382
Traditional versus laparoscopic cholecystectomy; 336
Training, credentialling, and granting of clinical privileges for laparoscopic general surgery; 399

Laparotomy
Laparotomy closure reinforced with buried polyglyconate retention sutures; 687

Letters
Letters to the editor; 318, 409

Lithotripsy
Laparoscopic cholecystectomy using intracorporeal lithotripsy; 371

Liver
Carcinoma of the ductus choledochus; 235
Differential diagnosis of sclerosing cholangiocarcinomas of the common hepatic duct (Klatskin tumors); 57
Experience with 225 hepatic resections for hepatocellular carcinoma over a 4-year period; 677
Glucose intolerance and hyperinsulinemia of cirrhosis are not results of spontaneous or surgical portosystemic shunting; 149
Initial two-year results of the Oregon Liver Transplantation Program; 606
Injuries to the portal triad; 545
Quantitative analysis of portal tract infiltrate allows for accurate determination of hepatic allograft rejection; 131
Role of renal sympathetic nerve activity in obstructive jaundice and renal failure in the rat; 662
Surgical management of nonparasitic cystic liver disease; 113
The liver plays an important role in the regulation of somatostatin-14 in the rat; 184
Variation in management based on type of choledochal cyst; 612
Vascular complications after orthotopic liver transplantation; 76

Lung
Adult respiratory distress syndrome; 239
Increased incidence of nosocomial pneumonia in mechanically ventilated patients with subclinical aspiration; 589

Lymph node
Wound complications after modified radical mastectomy compared with tylectomy with axillary lymph node dissection; 584

Lymphoma
Immunophenotyping in the management of gastric lymphoma; 171
Role of surgery in multimodality therapy for gastrointestinal lymphoma; 570

Mastectomy
Technical considerations for prophylactic mastectomy in patients at high risk for breast cancer; 413
Wound complications after modified radical mastectomy compared with tylectomy with axillary lymph node dissection; 584

Mental health
Long-term studies of mental health after the Greenville gastric bypass operation for morbid obesity; 154

Metabolism
Cytokines and glucocorticoids in the regulation of the "hepato-skeletal muscle axis" in sepsis; 266

Mitral valve reconstruction
Early experience with mitral valve reconstruction for mitral insufficiency; 563

Nervous system
Neuroendocrine design of the gut; 243
Tachykinins in the canine gastroesophageal junction; 163

North Pacific Surgical Association
History of the North Pacific Surgical Association; 542

Nutrition
Clenbuterol plus acivicin decrease tumor growth and increase muscle mass in rats maintained on total parenteral nutrition; 51
Effect of enteral nutrition on exocrine pancreatic function; 144
Nutrient modulation of inflammatory and immune function; 230

Obesity
Editorial comment (E), 634
Long-term studies of mental health after the Greenville gastric bypass operation for morbid obesity; 154
Preoperative insurance status influences postoperative complication rates for gastric bypass; 625

Oncogene
Expression of Her-2/neu oncogene protein product and epidermal growth factor receptors in surgical specimens of human breast cancers; 580

Oxygen metabolites
Pharmacologic approach to tissue injury mediated by free radicals and other reactive oxygen metabolites; 488
Pancreas
A prospective longitudinal study of observation versus surgical intervention in the management of necrotizing pancreatitis; 19
Are pancreatoenteric anastomoses improved by duct-to-mucosa sutures? 45
Contributions of the Zollinger-Ellison syndrome; 203
Effect of enteral nutrition on exocrine pancreatic function; 144
Factors influencing survival after pancreaticoduodenectomy for pancreatic cancer; 120
Fibrin glue sealing of pancreatic injuries, resections, and anastomoses; 479
Historical review of pancreaticoduodenectomy; 219
Implications of peritoneal cytology for staging of early pancreatic cancer; 26
Invasive treatment of pancreatic fluid collections with surgical and nonsurgical methods; 600
Pancreatic regeneration after partial pancreatectomy; 84
Parathyroid disease
Parathyroid adenoma in a cancer center patient population; 439
Percutaneous drainage
Invasive treatment of pancreatic fluid collections with surgical and nonsurgical methods; 600
Surgical versus percutaneous drainage of intra-abdominal abscesses; 593
Pneumonia
Increased incidence of nosocomial pneumonia in mechanically ventilated patients with subclinical aspiration; 589
Portal triad
Injuries to the portal triad; 545
Prophylaxis
An overview of venous thromboembolism prophylaxis; 537
Cost-effectiveness of prophylaxis in total hip replacement; 519
Efficacy and safety of a perioperative enoxaparin regimen in total hip replacement under various anesthesias; 525
Efficacy of a postoperative regimen of enoxaparin in deep vein thrombosis prophylaxis; 532
Prophylaxis against venous thromboembolism in surgical patients; 507
Rationale for development of low-molecular-weight heparins and their clinical potential in the prevention of postoperative venous thrombosis; 512
Radiotherapy
Role of radiation after operative palliation in cancer of the proximal bile ducts; 454
Rectum
Prospective, randomized trial of the biofragmentable anastomosis ring; 136
Renal disease
Role of renal sympathetic nerve activity in obstructive jaundice and renal failure in the rat; 662
Research
Germfree animals and technics in surgical research; 279
Review
Pharmacologic approach to tissue injury mediated by free radicals and other reactive oxygen metabolites; 488
Treatment of compound fractures; 8034
Rheography
Detection of clinically suspected deep vein thrombosis using light reflection rheography; 646
Use of light reflection rheography for diagnosis of axillary or subclavian venous thrombosis; 651
Roux operation
Perspectives a century later on the "Ansa en Y" of César Roux; 262
The Roux operation for postgastrectomy syndromes; 256
Screening program
A critical analysis of the largest reported mass fecal occult blood screening program in the United States; 101
Sepsis
Cytokines and glucocorticoids in the regulation of the "hepato-skeletal muscle axis" in sepsis; 266
Shunts
Glucose intolerance and hyperinsulinemia of cirrhosis are not results of spontaneous or surgical portosystemic shunting; 149
Prospective study of a prosthetic H-graft portacaval shunt; 159
Society statements
The Association for Surgical Education; 317
The North Pacific Surgical Association; 313
The Society for Clinical Vascular Surgery; 314
The Society for Surgery of the Alimentary Tract; 312
The Society of Head and Neck Surgeons; 315
The Southwestern Surgical Congress; 316
Somatostatin
The liver plays an important role in the regulation of somatostatin-14 in the rat; 184
Why does somatostatin cause gallstones? 177
Somatostatin analogue
Somatostatin analogue treatment inhibits post-resectional adaptation of the small bowel in rats; 107
Southern Surgical Association
Official organs and entangling alliances: The brief association of *The American Journal of Surgery* and the Southern Surgical Association (1932–1935); 305
Sphincteroplasty
Transduodenal sphincteroplasty with transampullary septectomy for stenosing papillitis; 213
Splenectomy
A 27-year experience with splenectomy for Gaucher's disease; 69
Staging
Implications of peritoneal cytology for staging of early pancreatic cancer; 26
Sternotomy
Anterior sternal retraction for reoperative median sternotomy; 556
Stomach
Erythromycin enhances delayed gastric emptying in dogs after Roux-Y antrectomy; 31
Immunophenotyping in the management of gastric lymphoma; 171
Mediators of bile acid-induced alterations in gastric mucosal blood flow; 126
Perspectives a century later on the "Ansa en Y" of César Roux; 262
The Roux operation for postgastrectomy syndromes; 256
Streptokinase
Use of purified streptokinase in empyema and hemothorax; 560
Surgical journals
An editor's perspective of the future for peer-reviewed traditional surgical journals; 309
Sutures
Are pancreatoenteric anastomoses improved by duct-to-mucosa sutures? 45
Laparotomy closure reinforced with buried polyglyconate retention sutures; 687
Tachykinins
Tachykinins in the canine gastroesophageal junction; 163
Techniques
Fibrin glue sealing of pancreatic injuries, resections, and anastomoses; 479
Inversion-ligation appendectomy for incidental appendectomy; 483
Laparotomy closure reinforced with buried polyglyconate retention sutures; 687
Prospective, randomized trial of the biofragmentable anastomosis ring; 136
Salvage of thrombosed forearm polytetrafluoroethylene vascular access grafts by reversal of flow direction and venous bypass grafting; 485
Thromboembolism
An overview of venous thromboembolism prophylaxis; 537
Cost-effectiveness of prophylaxis in total hip replacement; 519
Efficacy and safety of a perioperative enoxaparin regimen in total hip replacement under various anesthesias; 525
Prophylaxis against venous thromboembolism in surgical patients; 507
Thrombolysis
Conventional versus thrombolytic therapy in spontaneous (effort) axillary-subclavian vein thrombosis; 459
Use of purified streptokinase in empyema and hemothorax; 560
Thrombosis
Conventional versus thrombolytic therapy in spontaneous (effort) axillary-subclavian vein thrombosis; 459
Detection of clinically suspected deep vein thrombosis using light reflection rheography; 646
Efficacy of a postoperative regimen of enoxaparin in deep vein thrombosis prophylaxis; 532
Rationale for development of low-molecular-weight heparins and their clinical potential in the prevention of postoperative venous thrombosis; 512
Use of light reflection rheography for diagnosis of axillary or subclavian

venous thrombosis; 651

Thyroid
Clinical parameters predictive of malignancy of thyroid follicular neoplasms; 567

Tissue injury
Pharmacologic approach to tissue injury mediated by free radicals and other reactive oxygen metabolites; 488

Transfusion
Enhancement of tumor growth in natural killer cell-deficient mice by allogeneic transfusion; 411

Transplantation
Initial two-year results of the Oregon Liver Transplantation Program; 606
New approaches to the diagnosis, prevention, and treatment of cytomegalovirus infection after transplantation; 250
Vascular complications after orthotopic liver transplantation; 76

Trauma
Achievements, present-day problems, and some solutions for trauma care, surgical critical care, and surgical education; 207
Duplex scanning for arterial trauma; 552
Emergency laparoscopy; 332
HLA-DR antigen expression on peripheral blood monocytes correlates with surgical infection; 639
Injuries to the portal triad; 545
Trauma systems in Europe; 226

Tumors
Clenbuterol plus acivicin decrease tumor growth and increase muscle mass in rats maintained on total parenteral nutrition; 51
Contributions of the Zollinger-Ellison syndrome; 203
Effect of antitumor surgery on soluble interleukin-2 receptor serum levels; 466
Efficient management of adrenal tumors; 576
Enhancement of tumor growth in natural killer cell-deficient mice by allogeneic transfusion; 411
Expression of Her-2/neu oncogene protein product and epidermal growth factor receptors in surgical specimens of human breast cancers; 580
Testolactone, sulindac, warfarin, and vitamin K_1 for unresectable desmoid tumors; 416

Tylectomy
Wound complications after modified radical mastectomy compared with tylectomy with axillary lymph node dissection; 584

Ulcer
A new technique of surgical treatment of chronic duodenal ulcer without laparotomy by videocoelioscopy; 361
Proximal gastric vagotomy in the emergency treatment of bleeding duodenal ulcer; 64

Ultrasound
Duplex scanning for arterial trauma; 552

Urinary retention
Factors influencing postoperative urinary retention in patients undergoing elective inguinal herniorrhaphy; 431

Vagotomy
Proximal gastric vagotomy in the emergency treatment of bleeding duodenal ulcer; 64

Veins
An overview of venous thromboembolism prophylaxis; 537
Conventional versus thrombolytic therapy in spontaneous (effort) axillary-subclavian vein thrombosis; 459
Cost-effectiveness of prophylaxis in total hip replacement; 519
Detection of clinically suspected deep vein thrombosis using light reflection rheography; 646
Efficacy of a postoperative regimen of enoxaparin in deep vein thrombosis prophylaxis; 532
Prophylaxis against venous thromboembolism in surgical patients; 507
Rationale for development of low-molecular-weight heparins and their clinical potential in the prevention of postoperative venous thrombosis; 512
Salvage of thrombosed forearm polytetrafluoroethylene vascular access grafts by reversal of flow direction and venous bypass grafting; 485
Use of light reflection rheography for diagnosis of axillary or subclavian venous thrombosis; 651

Videocoelioscopy
A new technique of surgical treatment of chronic duodenal ulcer without laparotomy by videocoelioscopy; 361

Zollinger-Ellison syndrome
Contributions of the Zollinger-Ellison syndrome; 203